

Dataset1:**Decision Tree:**

Performance Measure	Training (%)	Test (%)
Accuracy	98.5268	73.1015
True Positive Rate	97.1083	54.9738
True Negative Rate	99.0354	79.8442
Positive Predictive Value	97.3046	50.3597
False Discovery Rate	2.6954	49.6403
F1 score	97.2063	52.5657

AdaBoost:

Number of boosting rounds	Training Accuracy (%)	Test Accuracy (%)
5	76.8726	75.1597
10	77.5825	75.7984
15	78.3635	76.2952
20	77.7245	75.4436

Dataset2:**Decision Tree:**

Performance Measure	Training (%)	Test (%)
Accuracy	92.7787	81.7288
True Positive Rate	82.9899	59.6202
True Negative Rate	95.8761	88.8101
Positive Predictive Value	86.4271	63.0522
False Discovery Rate	13.5729	36.9478
F1 score	84.6737	61.2882

AdaBoost:

Number of boosting rounds	Training Accuracy (%)	Test Accuracy (%)
5	82.6397	82.1741
10	83.7147	83.7249
15	84.0909	83.9091
20	84.5593	84.3697

Dataset3:**Decision Tree:**

Performance Measure	Training (%)	Test (%)
Accuracy	100	99.9175
True Positive Rate	100	76.2887
True Negative Rate	100	99.9578
Positive Predictive Value	100	75.5102
False Discovery Rate	0	24.4898
F1 score	100	75.8974

AdaBoost:

Number of boosting rounds	Training Accuracy (%)	Test Accuracy (%)
5	99.8266	99.8297
10	99.8868	99.8789
15	99.8973	99.8947
20	99.9910	99.9245